

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5**

**IN THE MATTER OF:**

**AOC LLC  
2552 Industrial Drive  
Valparaiso, IN 45383**

**ATTENTION:**

**Jeff Miller  
Environmental Manager**

**Request to Provide Information Pursuant to the Clean Air Act**

The U.S. Environmental Protection Agency is requiring AOC, LLC (AOC or you) to submit certain information about the facility at 2552 Industrial Drive, Valparaiso, Indiana. Appendix A provides the instructions needed to answer this information request, including instructions for electronic submissions. Appendix B specifies the information that you must submit. You must send this information to us within 30 calendar days after you receive this request.

We are issuing this information request under Section 114(a) of the Clean Air Act (the CAA), 42 U.S.C. § 7414(a). Section 114(a) authorizes the Administrator of EPA to require the submission of information. The Administrator has delegated this authority to the Director of the Air and Radiation Division, Region 5.

AOC owns and operates an emission source at the Valparaiso, Indiana facility. We are requesting this information to determine whether your emission source is complying with the Indiana State Implementation Plan (SIP), your Federally Enforceable State Operating Permit (FESOP), and the National Emission Standards for Hazardous Air Pollutants.

AOC must send all required information to:

Attn: Compliance Tracker, AE-18J  
Air Enforcement and Compliance Assurance Branch  
U.S. Environmental Protection Agency  
Region 5  
77 W. Jackson Boulevard  
Chicago, Illinois 60604

AOC must submit all required information under an authorized signature with the following certification:

I certify under penalty of law that I have examined and am familiar with the information in the enclosed documents, including all attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are, to the best of my knowledge and belief, true and complete. I am aware that there are significant penalties for knowingly submitting false statements and information, including the possibility of fines or imprisonment pursuant to Section 113(c)(2) of the Clean Air Act and 18 U.S.C. §§ 1001 and 1341.

As explained more fully in Appendix C, you may assert a claim of business confidentiality under 40 C.F.R. Part 2, Subpart B for any part of the information you submit to us. Information subject to a business confidentiality claim is available to the public only to the extent, and by means of the procedures, set forth at 40 C.F.R. Part 2, Subpart B. If you do not assert a business confidentiality claim when you submit the information, EPA may make this information available to the public without further notice. You should be aware, moreover, that pursuant to Section 114(c) of the CAA and 40 C.F.R. § 2.301(a) and (f), emissions data, standards and limitations are not entitled to confidential treatment and shall be made available to the public notwithstanding any assertion of a business confidentiality claim. Appendix C provides additional information regarding the meaning and scope of the term "emissions data."

This information request is not subject to the Paperwork Reduction Act, 44 U.S.C. § 3501 *et seq.*, because it seeks collection of information from specific individuals or entities as part of an administrative action or investigation.

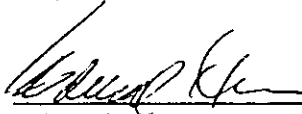
We may use any information submitted in response to this request in an administrative, civil or criminal action.

Failure to comply fully with this information request may subject AOC to an enforcement action under Section 113 of the CAA, 42 U.S.C. § 7413.

You should direct any questions about this information request to Jason Schenandoah at 312-886-9506, or Linda H. Rosen, at (312) 886-6810.

Date

7/26/17

  
Edward Nam

Director

Air and Radiation Division

## **Appendix A**

When providing the information requested in Appendix B, use the following instructions and definitions.

### **Instructions**

1. Provide a separate narrative response to each question and subpart of a question set forth in Appendix B.
2. Precede each answer with the number of the question to which it corresponds and, at the end of each answer, identify the person(s) who provided information used or considered in responding to that question, as well as each person consulted in the preparation of that response.
3. Indicate on each document produced, or in some other reasonable manner, the number of the question to which it corresponds.
4. When a response is provided in the form of a number, specify the units of measure of the number in a precise manner.
5. Where information or documents necessary for a response are neither in your possession nor available to you, indicate in your response why the information or documents are not available or in your possession, and identify any source that either possesses or is likely to possess the documents or information.
6. If information not known or not available to you as of the date of submission later becomes known or available to you, you must supplement your response. Moreover, should you find at any time after the submission of your response that any portion of the submitted information is false or incorrect, you must notify EPA as soon as possible.

### **Electronic Submissions**

To aid in our electronic recordkeeping efforts, we request that you provide all documents responsive to this information request in an electronic format according to paragraphs 1 through 6, below. These submissions are in lieu of hard copy.

1. Provide all responsive documents in Portable Document Format (PDF) or similar format, unless otherwise requested in specific questions. If the PDFs are scanned images, perform at least Optical Character Recognition (OCR) for "image over text" to allow the document to be searchable. Submitters providing secured PDFs should also provide unsecured versions for EPA use in repurposing text.
2. When specific questions request data in electronic spreadsheet form, provide the data and corresponding information in editable Excel or Lotus format, and not in image format. If Excel or Lotus formats are not available, then the format should allow for data to be used in calculations by a standard spreadsheet program such as Excel or Lotus.

3. Provide submission on physical media such as compact disk, flash drive or other similar item.
4. Provide a table of contents for each compact disk or flash drive containing electronic documents submitted in response to our request so that each document can be accurately identified in relation to your response to a specific question. *We recommend the use of electronic file folders organized by question number.* In addition, each compact disk or flash drive should be labeled appropriately (e.g., Company Name, Disk 1 of 4 for Information Request Response, Date of Response).
5. Documents claimed as confidential business information (CBI) must be submitted on separate disks/drives apart from the non-confidential information. This will facilitate appropriate records management and appropriate handling and protection of the CBI. Please follow the instructions in Appendix C for designating information as CBI.
6. Certify that the attached files have been scanned for viruses and indicate what program was used.

### **Definitions**

All terms used in this information request have their ordinary meaning unless such terms are defined in the CAA, 42 U.S.C. §§ 7401 *et seq.*, the Indiana SIP or 40 C.F.R. Part 63.

## **Appendix B**

### **Information You Are Required to Submit to EPA**

AOC must submit the following information pursuant to Section 114(a) of the CAA, 42 U.S.C. § 7414(a).

1. Provide a narrative description of the current processes located at the plant including, but not limited to, all reactors, thinning tanks, mixing tanks, flush tanks, drum off stations, storage tanks, loading racks, unloading racks, etc. Identify all process equipment by its facility identification code and provide their dates of installation. Provide a list of all raw materials used in the manufacturing process and how and where they are used.
2. List and describe all products produced at the facility. In addition, answer the following questions:
  - (a) Do you produce any thermoplastic products, resins or polymers? If so, specify which types.
  - (b) Do you produce polystyrene resins, defined as “a thermoplastic polymer or copolymer comprised of at least 80 percent styrene or para-methylstyrene by weight?”
  - (c) Do you produce styrene-acrylonitrile resin?
3. Provide the Standard Industrial Classification (SIC) code (1987 version) and the North American Industry Classification System (NAICS) code (1997 version) that applies to your production processes and why.
4. Provide a description of all emission and operating parameter monitoring devices installed on process equipment at the facility (e.g., temperature). Provide the make and model, span, calibration procedures, date of installation, and frequency of monitoring and recording of the devices.
5. For the period January 1, 2013 to the date of receipt of this request, provide the monthly production of styrene monomer resin, in tons, for the thinning tanks, flush tank, mix tanks, each storage tank and for the total facility.
6. For the period January 1, 2013 to the date of receipt of this request, provide copies of the monthly records of total raw material input to the two reactors, in tons.
7. For the period January 1, 2013 to the date of receipt of this request, provide copies of the monthly records of the styrene monomer resin usage for the development and testing pultrusion unit.
8. For the period January 1, 2013 to the date of receipt of this request, provide copies of monthly records of fuel consumption (e.g., natural gas, fuel oil and distillate) by the

thermal oxidizer. In addition, provide any and all test results conducted related to the sulfur content and/or heat content of the distillate consumed in the thermal oxidizer.

9. For the period January 1, 2013 to the date of receipt of this request, provide the monthly No. 2 fuel oil consumption, sulfur and heat content, and calculations of sulfur dioxide emissions for each boiler, oil heater and thermal oxidizer at the facility.
10. For each boiler, oil heater and thermal oxidizer at the facility, provide all vendor analyses and fuel oil certifications by fuel supplier as to the sulfur content of the fuel for the period January 1, 2013 to the date of receipt of this request.
11. For the period January 1, 2013 to the date of receipt of this request, provide copies of the 3-hour average temperatures that you have been keeping for the thermal oxidizer. If no such records exist, please provide an explanation. Also provide the underlying raw temperature data stored in the database for the period January 1, 2013 through March 12, 2014, and from March 13, 2014 to the date of receipt of this request.
12. For the period January 1, 2013 to the date of receipt of this request, provide copies of records kept of the daily duct pressure or fan amperage.
13. For the period January 1, 2013 to the date of receipt of this request, provide records of the styrene concentration at all carbon canister outlets and the log of the dates of carbon canister replacement and regeneration (specify which canister).
14. Provide copies of any and all tests done on the carbon canister systems to determine their efficiency for the period January 1, 2007 to the date of receipt of this request. Submit these test results whether or not they were submitted to the Indiana Department of Environmental Management (IDEM) or EPA.
15. For the period January 1, 2013 to the date of receipt of this request, provide all dates and the starting and ending times when the thermal oxidizer was not operating, explain the reason(s) the thermal oxidizer was not operating including whether the shutdown was planned or unplanned, and describe any corrective actions.
16. For the period January 1, 2013 to the date of receipt of this request, provide all dates and the starting and ending times when either one of the reactors was not operating, explain the reason(s) the reactor(s) was not operating including whether the shutdown was planned or unplanned, and describe any corrections actions taken.
17. Provide all dates, times and durations of any and all malfunctions of process equipment, emission control equipment and continuous emission monitoring or continuous parameter monitoring devices from January 1, 2013 to the date of receipt of this request. For each malfunction, describe the cause and any corrective actions taken.
18. Provide copies of all stack test and emission tests for any pollutant conducted on the thermal oxidizer since January 1, 2007. Include in your response the results of any

emission testing that was done for internal purposes for any reason even if such testing did not follow reference methods and even if such testing or test results were not reported to IDEM or EPA.

19. For Tank 16, which stores maleic anhydride, provide: (a) the maximum true vapor pressure of the liquid in the tank and how it was determined; (b) the type of tank (fixed roof, internal floating roof, external floating roof); and (c) the type of seals and closure devices on the tank, if any.
20. Provide a copy of the 2002 emissions report that was used to determine the styrene fugitive emissions base and stack emissions base as stated in your FY 2013-2015 Toxic Release Inventory (TRI) logic report forms. Describe fully how the styrene fugitive and styrene stack base emissions were calculated in the 2002 emissions report. Describe all assumptions and provide all calculations.
21. Provide the 2016 TRI report and the TRI logic report form.
22. Provide copies of any initial notifications or notifications of compliance you submitted to IDEM or EPA pursuant to 40 C.F.R. Part 63, National Emission Standards for Hazardous Air Pollutants for Source Categories.
23. Provide copies of all FESOP quarterly reports submitted to IDEM for the period January 1, 2013 to the date of receipt of this request.
24. Provide copies of all Deviation and Compliance Monitoring Quarterly reports submitted to IDEM for the period January 1, 2013 to the date of receipt of this request.



## **Appendix C**

### **Confidential Business and Personal Privacy Information**

#### **Assertion Requirements**

You may assert a business confidentiality claim covering any parts of the information requested in the attached Appendix B, as provided in 40 C.F.R. § 2.203(b).

Emission data provided under Section 114 of the CAA, 42 U.S.C. § 7414, is not entitled to confidential treatment under 40 C.F.R. Part 2.

“Emission data” means, with reference to any source of emissions of any substance into the air:

Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of any emission which has been emitted by the source (or of any pollutant resulting from any emission by the source), or any combination of the foregoing;

Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of the emissions which, under an applicable standard or limitation, the source was authorized to emit (including to the extent necessary for such purposes, a description of the manner and rate of operation of the source); and

A general description of the location and/or nature of the source to the extent necessary to identify the source and to distinguish it from other sources (including, to the extent necessary for such purposes, a description of the device, installation, or operation constituting the source).

40 C.F.R. §§ 2.301(a)(2)(i)(A), (B) and (C).

To make a confidentiality claim, submit the requested information and indicate that you are making a claim of confidentiality. Any document for which you make a claim of confidentiality should be marked by attaching a cover sheet stamped or typed with a caption or other suitable form of notice to indicate the intent to claim confidentiality. The stamped or typed caption or other suitable form of notice should employ language such as “trade secret” or “proprietary” or “company confidential” and indicate a date, if any, when the information should no longer be treated as confidential. Information covered by such a claim will be disclosed by EPA only to the extent permitted and by means of the procedures set forth at Section 114(c) of the CAA and 40 C.F.R. Part 2. Allegedly confidential portions of otherwise non-confidential documents should be clearly identified. EPA will construe the failure to furnish a confidentiality claim with your response to the information request as a waiver of that claim, and the information may be made available to the public without further notice to you.

## **Determining Whether the Information Is Entitled to Confidential Treatment**

All confidentiality claims are subject to EPA verification and must be made in accordance with 40 C.F.R. § 2.208, which provides in part that you must satisfactorily show: that you have taken reasonable measures to protect the confidentiality of the information and that you intend to continue to do so, that the information is not and has not been reasonably obtainable by legitimate means without your consent and that disclosure of the information is likely to cause substantial harm to your business's competitive position.

Pursuant to 40 C.F.R. Part 2, Subpart B, EPA may at any time send you a letter asking that you support your confidential business information (CBI) claim. If you receive such a letter, you must respond within the number of days specified by EPA. Failure to submit your comments within that time would be regarded as a waiver of your confidentiality claim or claims, and EPA may release the information. If you receive such a letter, EPA will ask you to specify which portions of the information you consider confidential by page, paragraph and sentence. Any information not specifically identified as subject to a confidentiality claim may be disclosed to the requestor without further notice to you. For each item or class of information that you identify as being CBI, EPA will ask that you answer the following questions, giving as much detail as possible:

1. For what period of time do you request that the information be maintained as confidential, e.g., until a certain date, until the occurrence of a special event or permanently? If the occurrence of a specific event will eliminate the need for confidentiality, please specify that event.
2. Information submitted to EPA becomes stale over time. Why should the information you claim as confidential be protected for the time period specified in your answer to question number 1?
3. What measures have you taken to protect the information claimed as confidential? Have you disclosed the information to anyone other than a governmental body or someone who is bound by an agreement not to disclose the information further? If so, why should the information still be considered confidential?
4. Is the information contained in any publicly available databases, promotional publications, annual reports or articles? Is there any means by which a member of the public could obtain access to the information? Is the information of a kind that you would customarily not release to the public?
5. Has any governmental body made a determination as to confidentiality of the information? If so, please attach a copy of the determination.
6. For each category of information claimed as confidential, explain with specificity why release of the information is likely to cause substantial harm to your competitive position. Explain the specific nature of those harmful effects, why they should be viewed as

substantial and the causal relationship between disclosure and such harmful effects. How could your competitors make use of this information to your detriment?

7. Do you assert that the information is submitted on a voluntary or a mandatory basis? Please explain the reason for your assertion. If you assert that the information is voluntarily submitted information, explain whether and why disclosure of the information would tend to lessen the availability to EPA of similar information in the future.
8. Is there any other information you deem relevant to EPA's determination regarding your claim of business confidentiality?

If you receive a request for a substantiation letter from the EPA, you bear the burden of substantiating your confidentiality claim. Conclusory allegations will be given little or no weight in the determination. In substantiating your CBI claim(s), you must bracket all text so claimed and mark it "CBI." Information so designated will be disclosed by EPA only to the extent allowed by and by means of the procedures set forth in 40 C.F.R. Part 2, Subpart B. If you fail to claim the information as confidential, it may be made available to the public without further notice to you.

### **Personal Privacy Information**

Please segregate any personnel, medical and similar files from your responses and include that information on a separate sheet(s) marked as "Personal Privacy Information." Disclosure of such information to the general public may constitute an invasion of privacy.

**CERTIFICATE OF MAILING**

I certify that I sent a Request to Provide Information Pursuant to the Clean Air Act by

Certified Mail, Return Receipt Requested, to:

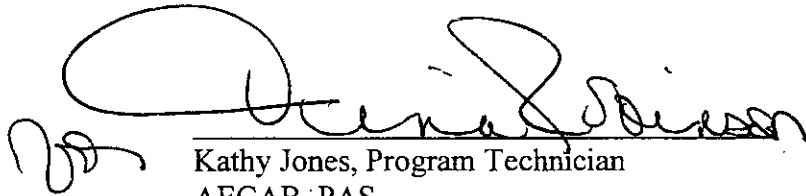
Jeffery Miller, Environmental Manager  
AOC  
2552 Industrial Drive  
Valparaiso, IN 46383

I also certify that I sent a copy of the Request to Provide Information Pursuant to the

Clean Air Act by E-mail to:

Phil Perry,  
Chief, Air Compliance Branch  
PPERRY@idem.IN.gov

On the 24<sup>th</sup> day of July 2017.

  
Kathy Jones, Program Technician  
AECAB, PAS

CERTIFIED MAIL RECEIPT NUMBER: 7016 3010 0000 9203 2680